
INDEX

ALGEBRA AND LOGIC

Volume 16, Numbers 1-6, 1977



ALGEBRA AND LOGIC
Volume 16, Numbers 1-6, 1977

(A translation of Algebra i Logika)

A

Anan'in, A. Z. - 1

B

Badaev, S. A. - 83
Busarkin, V. M. - 255

D

Danil'chenko, A. F. - 266
Dorofeev, G. V. - 17

E

Ershov, Yu. L. - 422

F

Filippov, V. T. - 70, 143

G

Gainov, A. T. - 417
Goncharov, S. S. - 169
Gorbunov, V. A. - 340

Grishkov, A. N. - 186,
260, 370

K

Kharchenko, V. K. - 208
Koch, H. - 246
Kondrat'ev, A. S. - 375
Kopytov, V. M. - 281
Kukin, G. P. - 387
Kuz'min, E. N. - 286

L

Latyshev, V. N. - 98, 122

M

Makhnev, A. A. - 292
Maksimova, L. L. - 427
Mart'yanov, V. I. - 395
Medvedev, N. Ya. - 27,
281
Mikheev, I. M. - 456
Monakhov, V. S. - 31

O

Ostylovskii, A. N. - 43

P

Palyutin, E. A. - 51, 299
Podufalov, N. D. - 133

R

Roman'kov, V. A. - 310
Romanovskii, N. S. - 62
Rybakov, V. V. - 321

S

Shestakov, I. P. - 153
Shunkov, V. P. - 477
Slin'ko, A. M. - 68
Sozutov, A. I. - 136, 477
Suchkov, N. M. - 405

V

Vasil'ev, V. G. - 335
Vogel, H. - 75.

Z

Zaitsev, D. I. - 199



TABLES OF CONTENTS

ALGEBRA AND LOGIC
Volume 16, Numbers 1-6, 1977
(A translation of Algebra i Logika)

Volume 16, Number 1 January-February, 1977

Engl./Russ.

Locally Finitely Approximable and Locally Representable Varieties of Algebras

- A. Z. Anan'in	1	3
Properties of the Join of Varieties of Algebras - G. V. Dorofeev	17	24
The Lattices of Varieties of Lattice-Ordered Groups and Lie Algebras - N. Ya. Medvedev	27	40
Product of Two Groups with Nilpotent Subgroups of Index at Most 2 - V. S. Monakhov	31	46
Local Finiteness of Certain Groups with Minimum Condition for Abelian Subgroups - A. N. Ostylovskii	43	63
Number of Models in L_{∞}, ω_1 -Theories - E. A. Palyutin	51	74
Free Subgroups of Finitely Presented Groups - N. S. Romanovskii	62	88
The Lower Nil Radical in Jordan Algebras with Maximum Condition - A. M. Slin'ko	68	98
Mal'tsev Algebras - V. T. Filippov	70	101
Partial Enumerable and Finite Functionals - H. Vogel	75	109

Volume 16, Number 2 March-April, 1977

Computable Enumerations of Families of General Recursive Functions - S. A. Badaev	83	129
Complexity of Nonmatrix Varieties of Associative Algebras. I - V. N. Latyshev	98	149
Complexity of Nonmatrix Varieties of Associative Algebras. II - V. N. Latyshev	122	184
Finite Simple Groups without Elements of Sixth Order - N. D. Podufalov	133	200
Groups with Frobenius Pairs of Conjugate Elements - A. I. Sozutov	136	204
The Lie Center of Binary-Lie Algebras - V. T. Filippov	143	213
A Problem of Shirshov - I. P. Shestakov	153	227
Sessions of the Algebra and Logic Seminar	167	247

Volume 16, Number 3 May-June, 1977

The Quantity of Nonautoequivalent Constructivizations - S. S. Goncharov	169	257
Irreducible Representations of Completely Solvable Lie p -Algebras - A. N. Grishkov	186	283
Solvable Groups of Finite Rank - D. I. Zaitsev	199	300
Galois Theory of Semiprime Rings - V. K. Kharchenko	208	313
Generator and Relation Ranks for Finite-Dimensional Nilpotent Lie Algebras - H. Koch	246	364
Sessions of the Algebra and Logic Seminar	253	375

Volume 16, Number 4 July-August, 1977

Finite Groups with Abelian Centralizers of Elements of Odd Order – V. M. Busarkin	255	381
Analogue of Levi's Theorem for Mal'tsev Algebras – A. N. Grishkov	260	389
Parametric Expressibility of Functions of Three-Valued Logic – A. F. Danil'chenko	266	397
Varieties of Lattice-Ordered Groups – V. M. Kopytov and N. Ya. Medvedev	281	417
Levi's Theorem for Mal'tsev Algebras – E. N. Kuz'min	286	424
Finite Groups with a Centralizer of Sixth Order – A. A. Makhnev	292	432
Number of Models in L_{ω_1} Theories. II – E. A. Palyutin	299	443
Unsolvability of the Endomorphic Reducibility Problem in Free Nilpotent Groups and in Free Rings – V. A. Roman'kov	310	457
Noncompact Extensions of the Logic S4 – V. V. Rybakov	321	472
Sessions of the Algebra and Logic Seminar	334	491

Volume 16, Number 5 September-October, 1977

Strong Uniform Products of Cyclic p Groups – V. G. Vasil'ev	335	499
Covers in Lattices of Quasivarieties and Independent Axiomatizability – V. A. Gorbunov	340	507
Finite-Dimensional Binary-Lie Algebras – A. N. Grishkov	370	549
Finite Groups in Which a Sylow Two-Subgroup Contains an Elementary Abelian Subgroup of Index 4 – A. S. Kondrat'ev	375	557
Intersection of Subalgebras of a Free Lie Algebra – G. P. Kukin	387	577
Extended Universal Theories of the Integers – V. I. Mart'yanov	395	588
Some Linear Groups with Complemented Subgroups – N. M. Suchkov	405	603
Sessions of the Algebra and Logic Seminar	416	621

Volume 16, Number 6 November-December, 1977

Derivations of Monocomposition Algebras – A. T. Gainov	417	629
Enumeration of the Class \mathcal{L}_n – Yu. L. Ershov	422	637
Craig's Theorem in Superintuitionistic Logics and Amalgamable Varieties of Pseudo-Boolean Algebras – L. L. Maksimova	427	643
Simple Right Alternative Rings – L. M. Mikheev	456	682
Infinite Groups Saturated by Frobenius Subgroups – A. L. Sozutov and V. P. Shunkov	477	711
INDEX		
Author Index, Volume 16, Numbers 1-6, 1977	497	
Tables of Contents, Volume 16, Numbers 1-6, 1977	499	

